

CLAIMS

1. (currently amended) A method for inducing a predetermined amount of bone remodeling and modeling in the cranium of a mammal in need thereof that comprises the steps of:

(a) applying cyclical forces to a cranial region of said mammal in which bone remodeling is desired with a peak magnitude of up to about 10 Newtons and frequencies of up to about 40 Hz in a direction lateral to the sutures for a predetermined period of time; and

(b) repeating said application a plurality of times until a predetermined amount of bone remodeling and modeling in the cranium ~~osteogenesis~~ is obtained.

2. (original) The method according to claim 1 wherein said cyclical forces are repeatedly applied a plurality of times each day.

3. (original) The method according to claim 2 wherein said cyclical forces are repeatedly applied over a period of days.

4. (original) The method according to claim 1 wherein said peak magnitude is about 5 Newtons.

5. (original) A method for inducing a predetermined amount of osteogenesis in the cranium of a mammal in need thereof that comprises the steps of:

(a) applying cyclical forces to a cranial region of said mammal in which osteogenesis is desired with a peak magnitude of about 5 Newtons and frequencies of about 0.1 to

about 8 Hz in a direction lateral to the sutures for a predetermined period of time; and

(b) repeating said application a plurality of times daily until a predetermined amount of osteogenesis is obtained.

6. (original) The method according to claim 5 wherein said cyclical forces are repeatedly applied over a period of months.

7. (original) The method according to claim 5 wherein said cyclical forces are applied to the cranial sutures of said mammal.

8. (original) The method according to claim 5 wherein said cyclic forces are applied at a frequency of about 0.1 to about 2 Hz.

9-29. (cancelled)